OIPE

#8

RAW SEQUENCE LISTING DATE: 08/25/2000 PATENT APPLICATION: US/09/637,216 TIME: 10:44:47

Input Set : A:\Wshu2001.app

Output Set: N:\CRF3\08252000\1637216.raw

```
3 <110> APPLICANT: WASHINGTON UNIVERSITY
     5 <120> TITLE OF INVENTION: ANTI-BACTERIAL COMPOUNDS DIRECTED AGAINST PILUS
             BIOGENESIS, ADHESION AND ACTIVITY; CO-CRYSTALS OF PILUS
                                                                                 ENTERED
             SUBUNITS AND METHODS OF USE THEREOF
     9 <130> FILE REFERENCE: WSHU2005.1
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/637,216
C--> 12 <141> CURRENT FILING DATE: 2000-08-11
     14 <150> PRIOR APPLICATION NUMBER: US 60/148,280
     15 <151> PRIOR FILING DATE: 1999-08-11
     17 <160> NUMBER OF SEQ ID NOS: 56
     19 <170> SOFTWARE: PatentIn Ver. 2.1
     21 <210> SEQ ID NO: 1
     22 <211> LENGTH: 7
     23 <212> TYPE: PRT
     24 <213> ORGANISM: Artificial Sequence
     26 <220> FEATURE:
     27 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
     28
             Sequence
     30 <400> SEQUENCE: 1
     31 Asn Val Leu Gln Ile Ala Leu
     32 1
     35 <210> SEQ ID NO: 2
     36 <211> LENGTH: 10
     37 <212> TYPE: PRT
     38 <213> ORGANISM: Artificial Sequence
     40 <220> FEATURE:
     41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
             Sequence
     44 <400> SEQUENCE: 2
     45 Gly Lys Val Thr Phe Asn Gly Thr Val Val
     46
                          5
     49 <210> SEQ ID NO: 3
     50 <211> LENGTH: 10
     51 <212> TYPE: PRT
     52 <213> ORGANISM: Artificial Sequence
     54 <220> FEATURE:
     55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
             Sequence
     58 <400> SEQUENCE: 3
     59 Gly Thr Val His Phe Lys Gly Glu Val Val
                          5
     63 <210> SEQ ID NO: 4
     64 <211> LENGTH: 10
     65 <212> TYPE: PRT
     66 <213> ORGANISM: Artificial Sequence
      68 <220> FEATURE:
     69 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/637,216

DATE: 08/25/2000
TIME: 10:44:47

Input Set : A:\Wshu2001.app

Output Set: N:\CRF3\08252000\1637216.raw

```
Sequence
72 <400> SEQUENCE: 4
73 Gly Lys Val Thr Phe Phe Gly Lys Val Val
                                         10
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 10
79 <2:12> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
        Sequence
86 <400> SEQUENCE: 5
87 Gly Thr Ile Val Ile Thr Gly Thr Ile Thr \,
88 1
                     5
91 <210> SEQ ID NO: 6
92 <211> LENGTH: 10
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
98
        Sequence
100 <400> SEQUENCE: 6
101 Gly Thr Ile Val Ile Thr Gly Ser Ile Ser
102 1
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 10
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
        Sequence
114 <400> SEQUENCE: 7
115 Gly Thr Val Lys Phe Val Gly Ser Ile Ile 116 1 5
116
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 10
121 <212> TYPE: PRT
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
126
         Sequence
128 <400> SEQUENCE: 8
129 Gly Glu Ile Gln Leu Lys Gly Glu Ile Val
130 1
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 10
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
```

Input Set : A:\Wshu2001.app Output Set: N:\CRF3\08252000\1637216.raw 139 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized Sequence 140 142 <400> SEQUENCE: 9 143 Gly Thr Ile Lys Phe Thr Gly Glu Ile Val 147 <210> SEQ ID NO: 10 148 <211> LENGTH: 10 149 <212> TYPE: PRT 150 <213> ORGANISM: Artificial Sequence 152 <220> FEATURE: 153 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized 154 Sequence 156 <400> SEQUENCE: 10 157 Asn Glu Val Thr Phe Leu Gly Ser Val Ser 158 161 <210> SEQ ID NO: 11 162 <211> LENGTH: 10 163 <212> TYPE: PRT 164 <213> ORGANISM: Artificial Sequence 166 <220> FEATURE: 167 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized Sequence 168 170 <400> SEQUENCE: 11 171 Gly Thr Ile Asn Phe Glu Gly Ser Val Val 172 175 <210> SEQ ID NO: 12 176 <211> LENGTH: 10 177 <212> TYPE: PRT 178 <213> ORGANISM: Artificial Sequence 180 <220> FEATURE: 181 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized 182 Sequence 184 <400> SEQUENCE: 12 185 Ser Asp Val Ala Phe Arg Gly Asn Leu Leu 186 189 <210> SEQ ID NO: 13 190 <211> LENGTH: 10 191 <212> TYPE: PRT 192 <213> ORGANISM: Artificial Sequence 194 <220> FEATURE: 195 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized Sequence 198 <400> SEQUENCE: 13 199 Gly Arg Ala Ala Phe His Gly Glu Val Val 200 203 <210> SEQ ID NO: 14 204 <211> LENGTH: 10 205 <212> TYPE: PRT 206 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/637,216

DATE: 08/25/2000

TIME: 10:44:47

RAW SEQUENCE LISTING DATE: 08/25/2000 PATENT APPLICATION: US/09/637,216 TIME: 10:44:47

Input Set : A:\Wshu2001.app

Output Set: N:\CRF3\08252000\1637216.raw

```
209 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
          Sequence
210
212 <400> SEQUENCE: 14
213 Gly Arg Ala Thr Phe His Gly Glu Val Val
214 1
217 <210> SEQ ID NO: 15
218 <211> LENGTH: 10
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
223 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
          Sequence
224
226 <400> SEQUENCE: 15
227 Asp Asn Leu Thr Phe Arg Gly Lys Leu Ile
228 1 5 10
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 10
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
          Sequence
 240 <400> SEQUENCE: 16
 241 Asp Asn Leu Thr Phe Lys Gly Lys Leu Ile
 242 1
 245 <210> SEQ ID NO: 17
 246 <211> LENGTH: 10
 247 <212> TYPE: PRT
 248 <213> ORGANISM: Artificial Sequence
 251 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
           Sequence
 252
 254 <400> SEQUENCE: 17
 255 Gly Trp Leu Asn Leu Gln Gly Thr Ile Leu
 256 1
 259 <210> SEQ ID NO: 18
 260 <211> LENGTH: 10
 261 <212> TYPE: PRT
 262 <213> ORGANISM: Artificial Sequence
 264 <220> FEATURE:
 265 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
           Sequence
 266
 268 <400> SEQUENCE: 18
 269 Ser Val Val Asn Ile Thr Gly Asn Val Gln
 270 1
 273 <210> SEQ ID NO: 19
 274 <211> LENGTH: 10
 275 <212> TYPE: PRT
```

```
PATENT APPLICATION: US/09/637,216
                Input Set : A:\Wshu2001.app
                Output Set: N:\CRF3\08252000\1637216.raw
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
280
         Sequence
282 <400> SEQUENCE: 19
283 Thr Thr Ile Thr Val Thr Gly Asn Val Leu
284
287 <210> SEQ ID NO.: 20
288 <211> LENGTH: 10
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
294
          Sequence
296 <400> SEQUENCE: 20
297 Thr Thr Ile Thr Val Thr Gly Arg Val Leu
298 1
301 <210> SEQ ID NO: 21
302 <211> LENGTH: 10
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
          Sequence
308
310 <400> SEQUENCE: 21
311 Cys Met Leu Ala Gly Ser Asn Phe Val Thr
315 <210> SEQ ID NO: 22
316 <211> LENGTH: 10
317 <212> TYPE: PRT
 318 <213> ORGANISM: Artificial Sequence
 320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
          Sequence
 322
 324 <400> SEQUENCE: 22
 325 Val Gln Ile Asn Ile Arg Gly Asn Val Tyr
 326 1
 329 <210> SEQ ID NO: 23
 330 <211> LENGTH: 10
 331 <212> TYPE: PRT
 332 <213> ORGANISM: Artificial Sequence
 334 <220> FEATURE:
 335 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
          Sequence
 336
 338 <400> SEQUENCE: 23
 339 Pro Asn Leu Lys Leu Phe Gly Thr Leu Leu
 340 1
 343 <210> SEQ ID NO: 24
 344 <211> LENGTH: 10
```

RAW SEQUENCE LISTING

DATE: 08/25/2000

TIME: 10:44:47

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/637,216

DATE: 08/25/2000 TIME: 10:44:48

Input Set : A:\Wshu2001.app
Output Set: N:\CRF3\08252000\1637216.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date